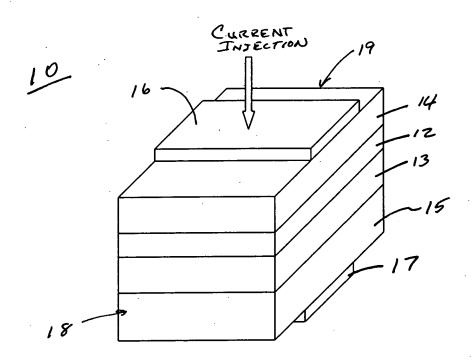
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Fig. 1



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Fig. 2A

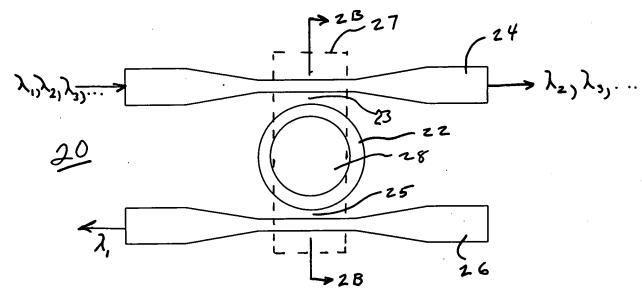
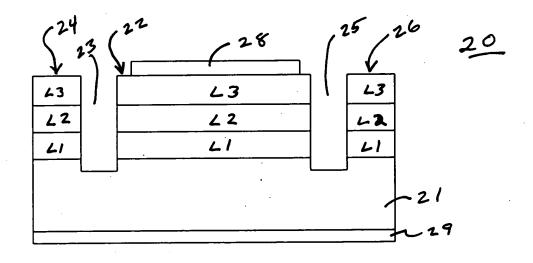


Fig. 2B



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Fig. 3A

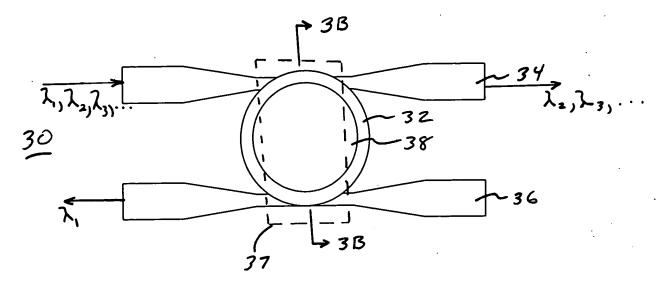
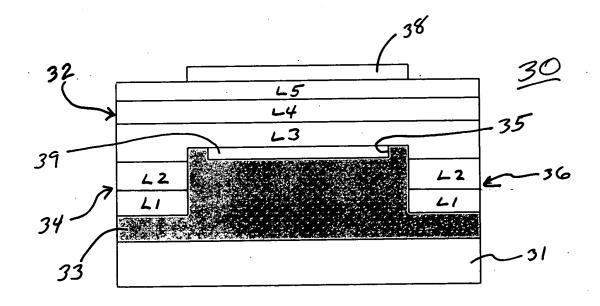
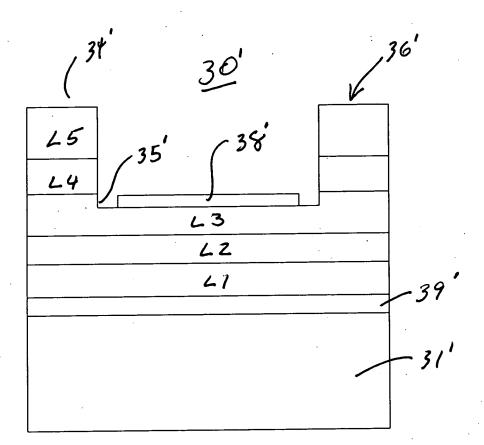


Fig. 3B



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FIG. 3C



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Fig. 4A

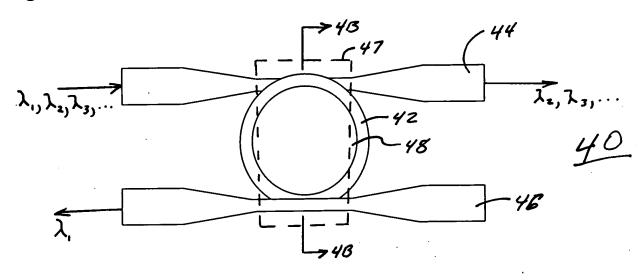


Fig. 4B

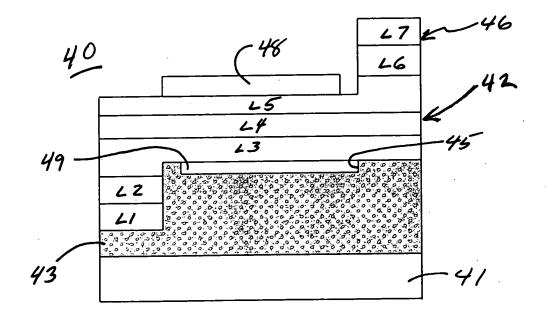
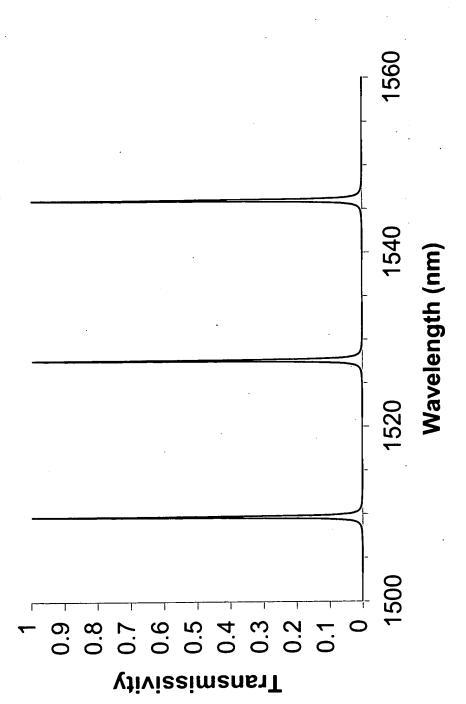


Fig. 5



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Fig. 6A

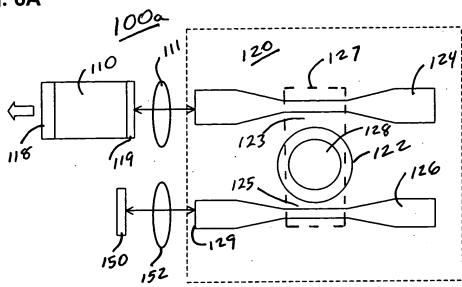
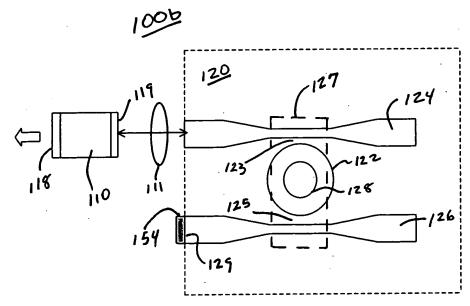
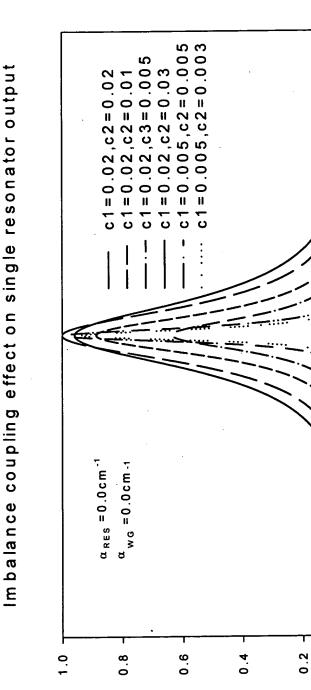


Fig. 6B



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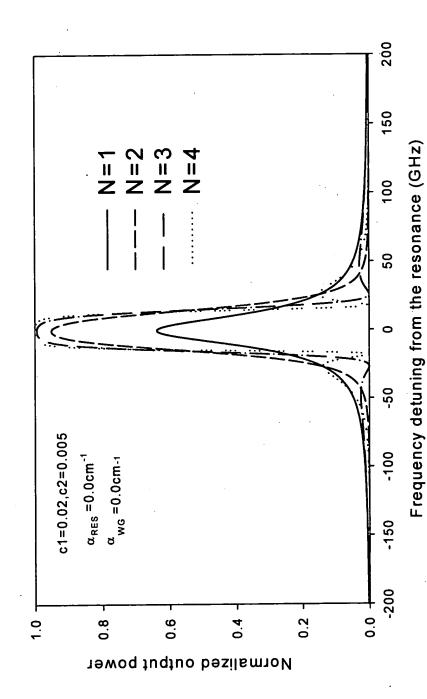
Normalized output power

Frequency detuning from the resonance (GHz

0.0

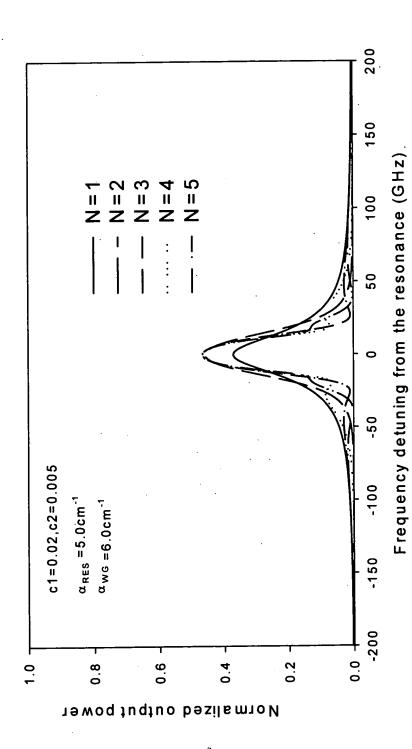
200

Multiple resonators



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Multiple resonators

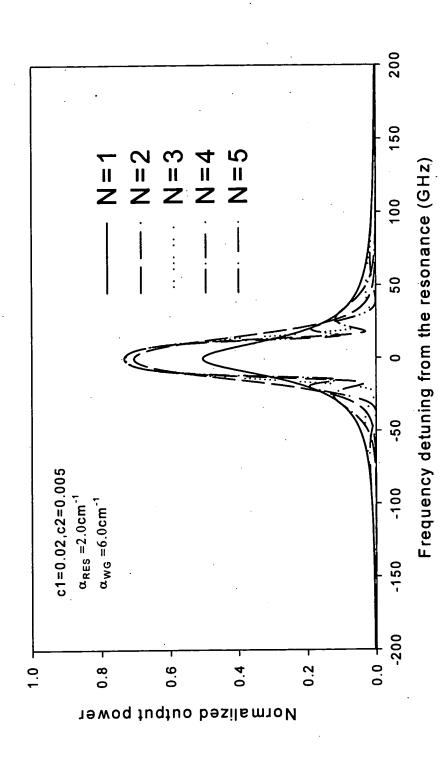


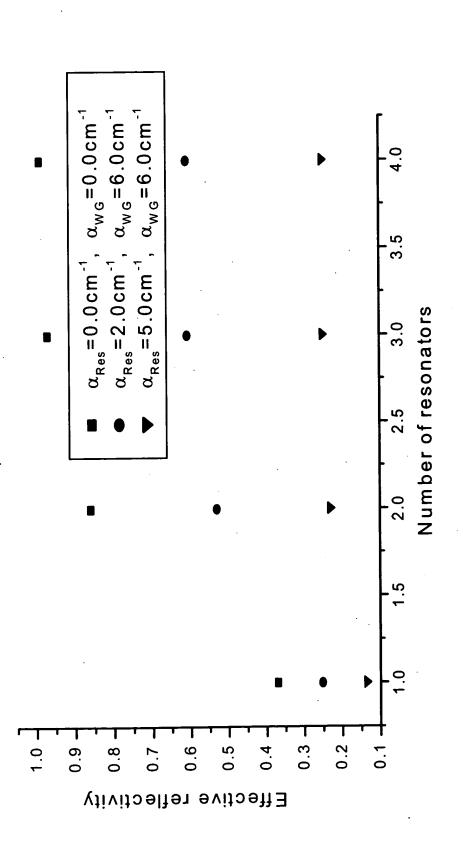
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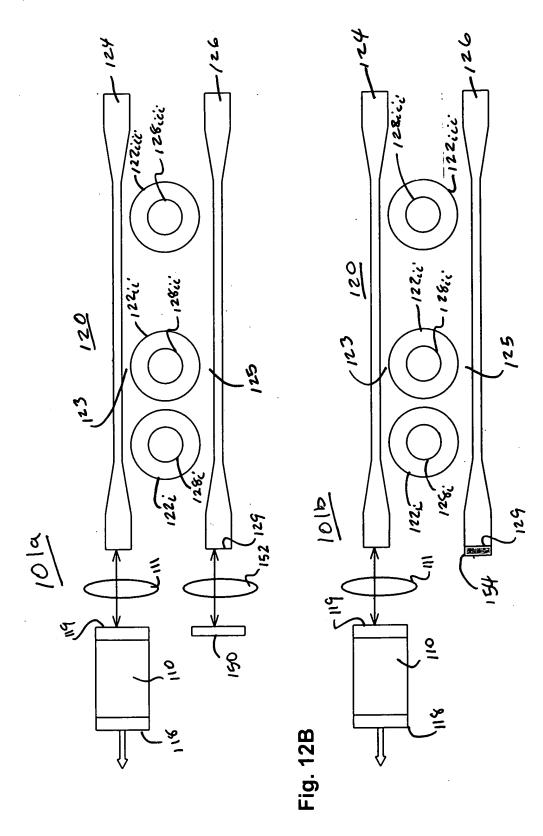
Multiple resonators





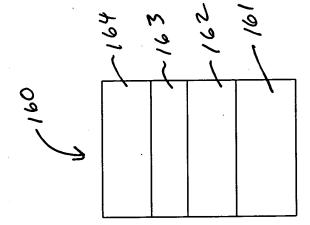
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Fig. 12A



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Fig. 13A



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Fig. 13B

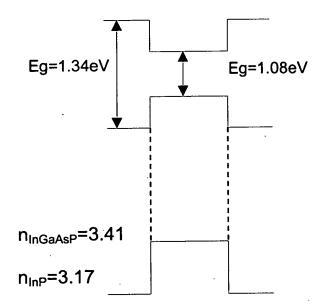
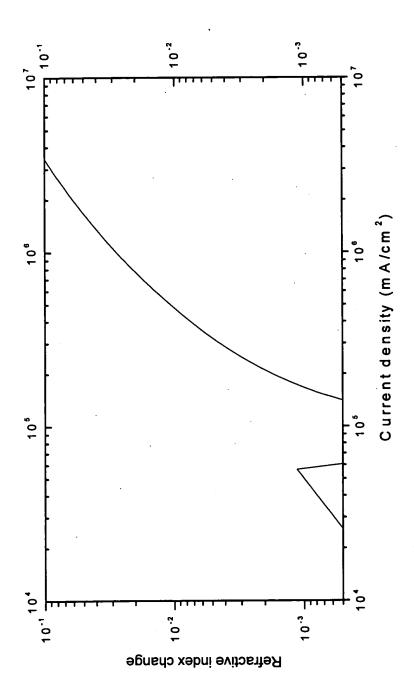
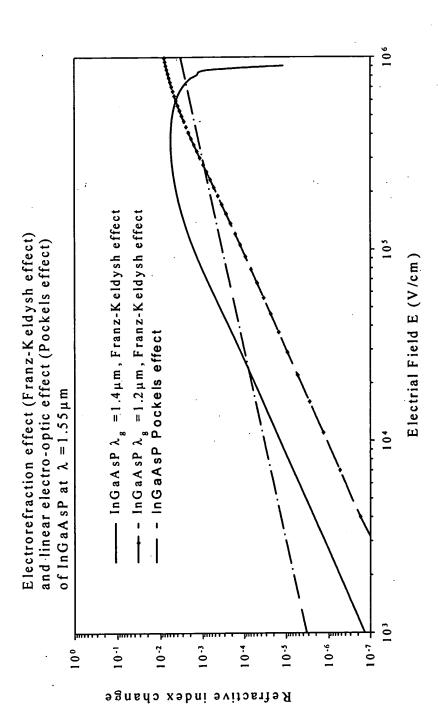


Fig. 13C

Refractive index change at  $\lambda=1.55\mu m$ 



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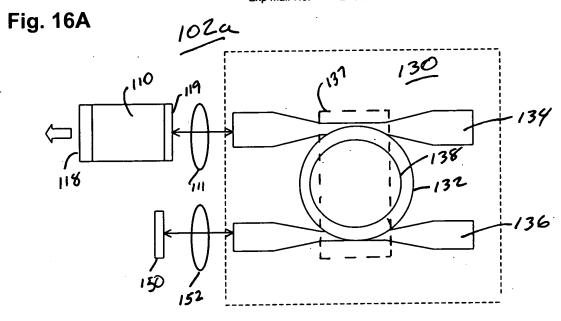
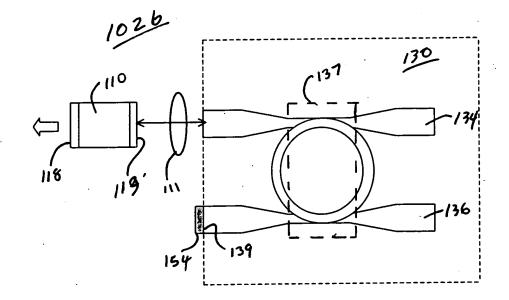


Fig. 16B



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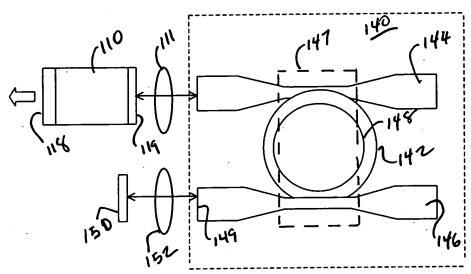
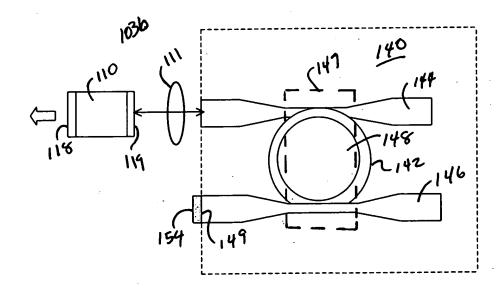


Fig. 17B



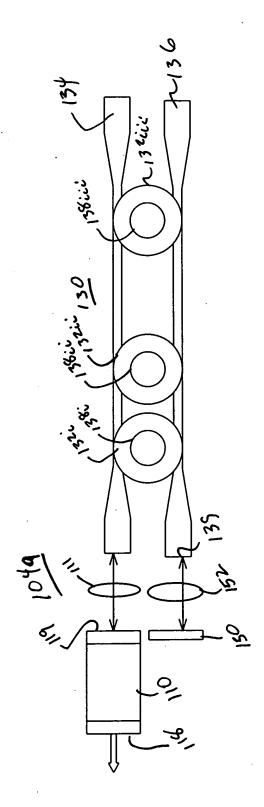
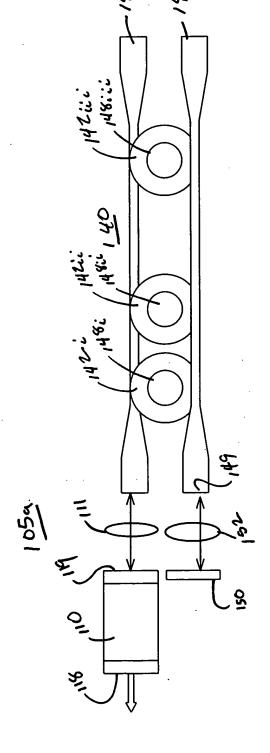


Fig. 18B

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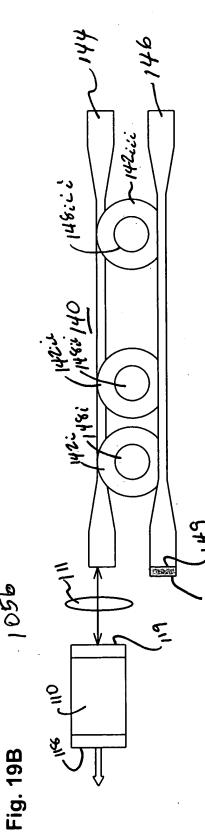
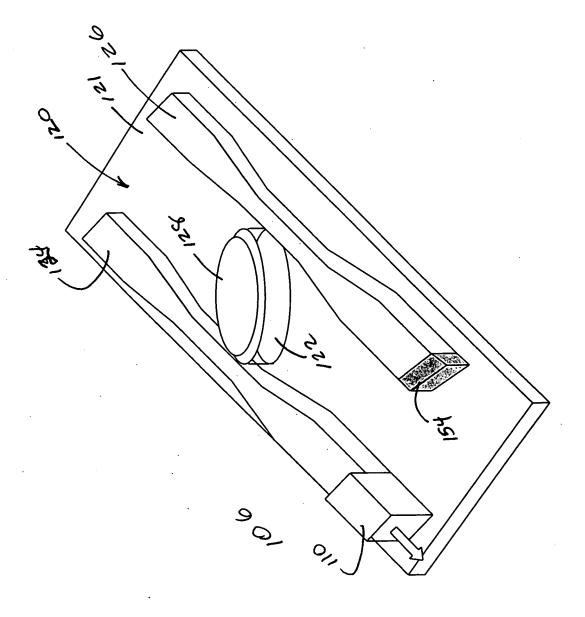


Fig. 19A

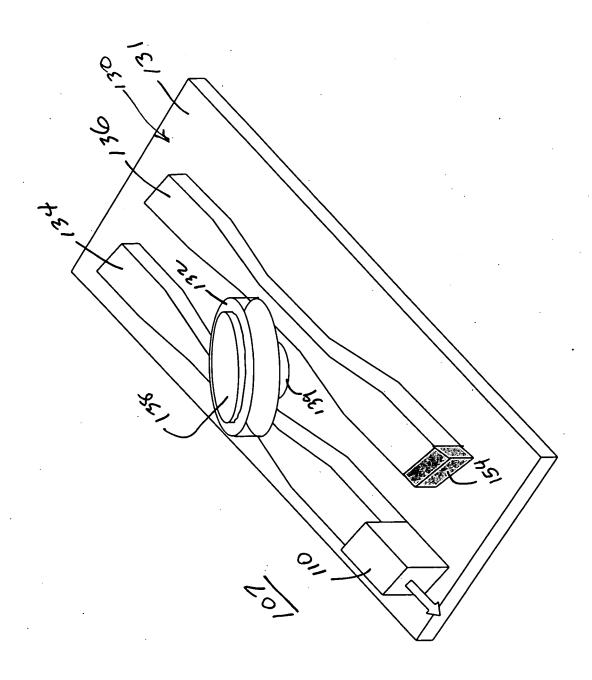
Fig. 20A

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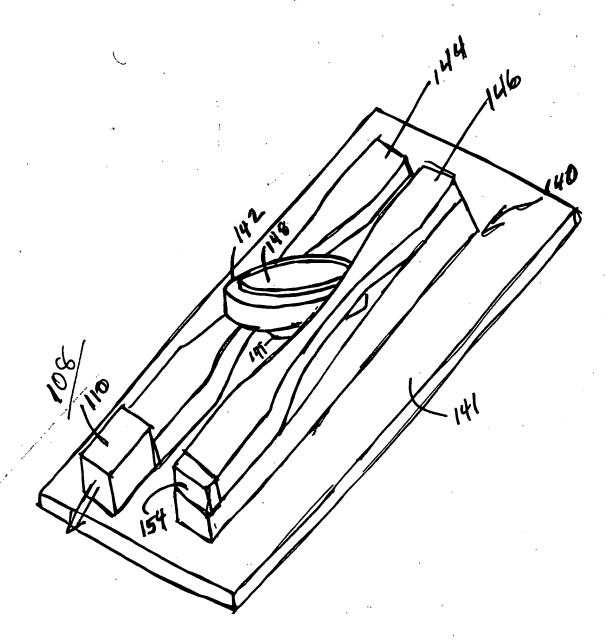
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Fig. 21 A

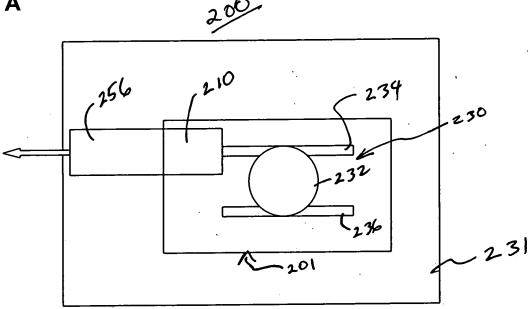
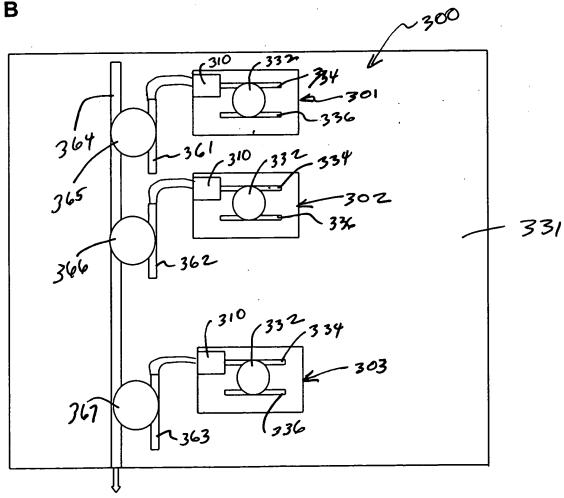


Fig. 21 B





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Fig. 22 A

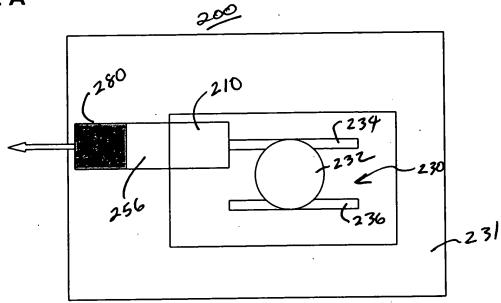


Fig. 22 B

